LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016953.D
Acq On : 02 Oct 2018 10:16
Operator : MJ/SJ
Sample : J5123-01
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B39

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	5	7	13	rVB2	107374	112657	3.71%	0.488%
2	3.193	31	35	39	rVB	1748513	1872874	61.70%	8.111%
3	7.339	736	740	741	rBV3	3481	3071	0.10%	0.013%
4	7.710	796	803	814	rBV	1066872	1661009	54.72%	7.194%
5	8.028	852	857	862	rVB4	5336	8964	0.30%	0.039%
6	8.210	882	888	892	rBV4	6625	9704	0.32%	0.042%
7	8.304	900	904	908	rVB4	4201	5563	0.18%	0.024%
8	8.510	933	939	942	rBV4	2108	3760	0.12%	0.016%
9	8.928	1001	1010	1017	rBV5	8296	18629	0.61%	0.081%
10	9.016	1019	1025	1030	rVB4	2677	6034	0.20%	0.026%
11	10.269	1234	1238	1243	rVB4	3802	4537	0.15%	0.020%
12	10.486	1267	1275	1282	rVV	1418117	2295445	75.62%	9.942%
13	10.622	1294	1298	1301	rBV5	4422	5985	0.20%	0.026%
14	10.957	1351	1355	1360	rVB4	3782	5861	0.19%	0.025%
15	11.333	1415	1419	1424	rBV3	2194	3111	0.10%	0.013%
16	11.504	1444	1448	1454	rBV5	2995	6360	0.21%	0.028%
17	11.916	1510	1518	1524	rVB	28922	44903	1.48%	0.194%
18	12.157	1552	1559	1563	rVB3	4623	8809	0.29%	0.038%
19	12.751	1652	1660	1662	rBV5	2278	3651	0.12%	0.016%
20	13.174	1729	1732	1736	rBV2	9195	12946	0.43%	0.056%
21	14.257	1910	1916	1920	rBV3	4946	8286	0.27%	0.036%
22	14.351	1924	1932	1941	rVV2	1845444	2737911	90.20%	11.858%
23	14.880	2019	2022	2025	rBV4	7153	8676	0.29%	0.038%
24	15.004	2040	2043	2047	rBV6	4695	5032	0.17%	0.022%
25	15.074	2051	2055	2056	rBV3	5953	6999	0.23%	0.030%
26	15.098	2056	2059	2063	rVV4	5597	8167	0.27%	0.035%
27	15.145	2063	2067	2071	rVB3	11292	14524	0.48%	0.063%
28	15.210	2075	2078	2079	rBV3	6400	7898	0.26%	0.034%
29	15.345	2097	2101	2106	rBV5	10926	13886	0.46%	0.060%
30	15.551	2134	2136	2137	rBV2	4657	3930	0.13%	0.017%
31	15.621	2144	2148	2153	rBV3	17558	30162	0.99%	0.131%
32	15.768	2170	2173	2175	rBV4	9772	13853	0.46%	0.060%
33	16.098	2222	2229	2235	rBV	109535	203392	6.70%	0.881%
34	16.457	2286	2290	2292	rBV4	26077	40606	1.34%	0.176%

LSC Area Percent Report

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Sample : J5123-01
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B39

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

35	16.921	2366	2369	2374	rVB	103935	131974	4.35%	0.572%
36	17.098	2393	2399	2410	rBV	2021945	3035346	100.00%	13.146%
37	19.309	2772	2775	2779	rVB	193640	239483	7.89%	1.037%
38	19.874	2869	2871	2875	rVB2	145058	163264	5.38%	0.707%
39	20.015	2891	2895	2899	rBV	447940	549961	18.12%	2.382%
40	20.297	2939	2943	2947	rVB	505083	607491	20.01%	2.631%
41	20.350	2949	2952	2959	rVB3	134432	180065	5.93%	0.780%
42	20.450	2966	2969	2975	rVB4	167721	255169	8.41%	1.105%
43	20.550	2983	2986	2989	rVB	111371	115316	3.80%	0.499%
44	20.609	2990	2996	3002	rVB	293812	571782	18.84%	2.476%
45	20.756	3018	3021	3027	rVB2	236257	289523	9.54%	1.254%
46	20.821	3029	3032	3037	rVB3	113293	127479	4.20%	0.552%
47	21.027	3062	3067	3072	rVB2	258021	406719	13.40%	1.761%
48	21.086	3074	3077	3082	rVB6	137832	170194	5.61%	0.737%
49	21.286	3106	3111	3114	rBV	2367575	2938895	96.82%	12.728%
50	21.315	3114	3116	3123	rVB2	555517	611729	20.15%	2.649%
51	21.450	3136	3139	3144	rVB	145695	165763	5.46%	0.718%
52	21.627	3166	3169	3174	rBV3	184439	225536	7.43%	0.977%
53	21.886	3210	3213	3217	rVB2	141415	153745	5.07%	0.666%
54	23.515	3484	3490	3500	rVB2	1528917	2952787	97.28%	12.788%

Sum of corrected areas: 23089416

LSC Report - Integrated Chromatogram

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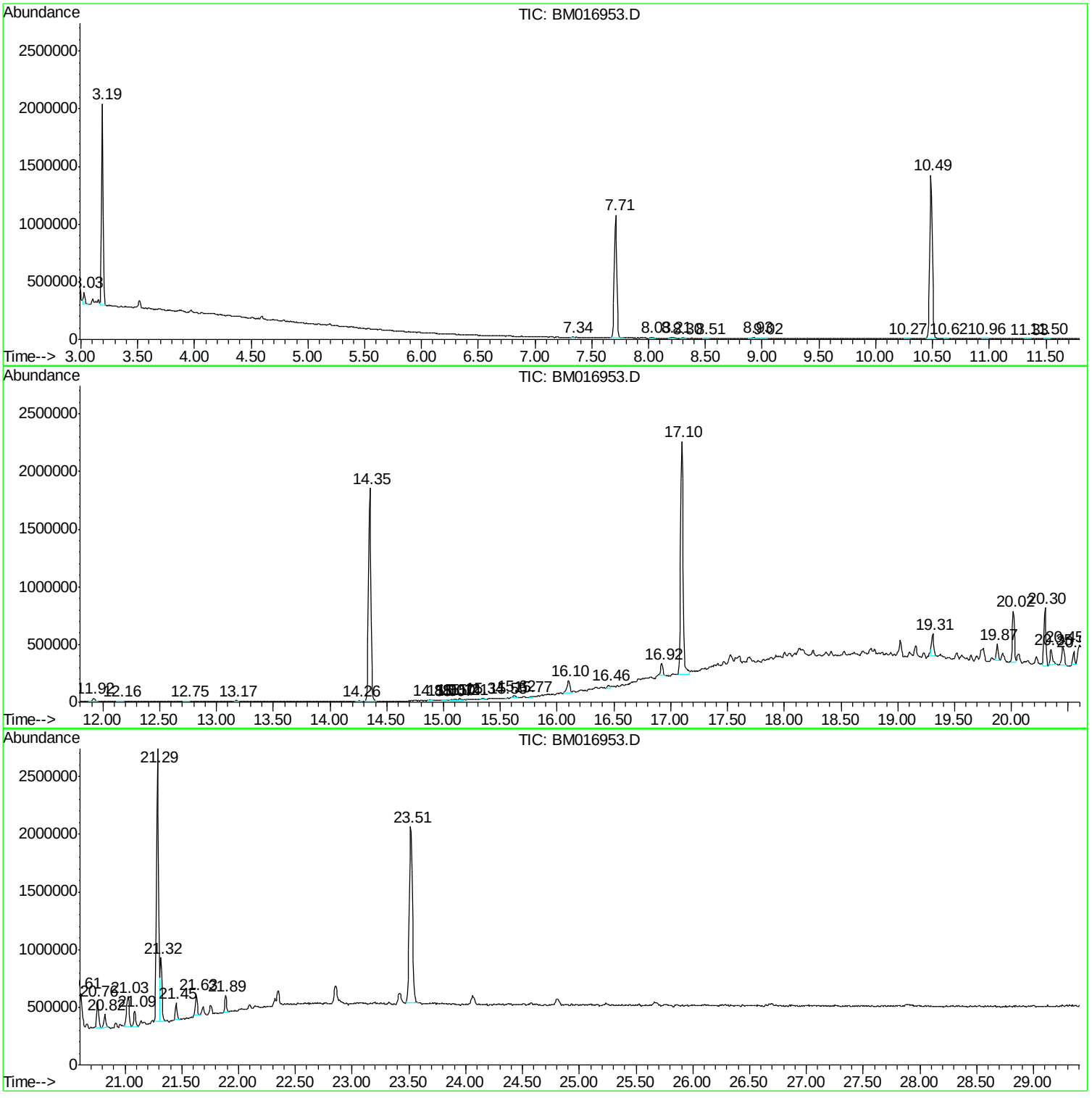
Operator : MJ/SJ
Sample : J5123-01
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Data File : BM016953.D
Acq On : 02 Oct 2018 10:16
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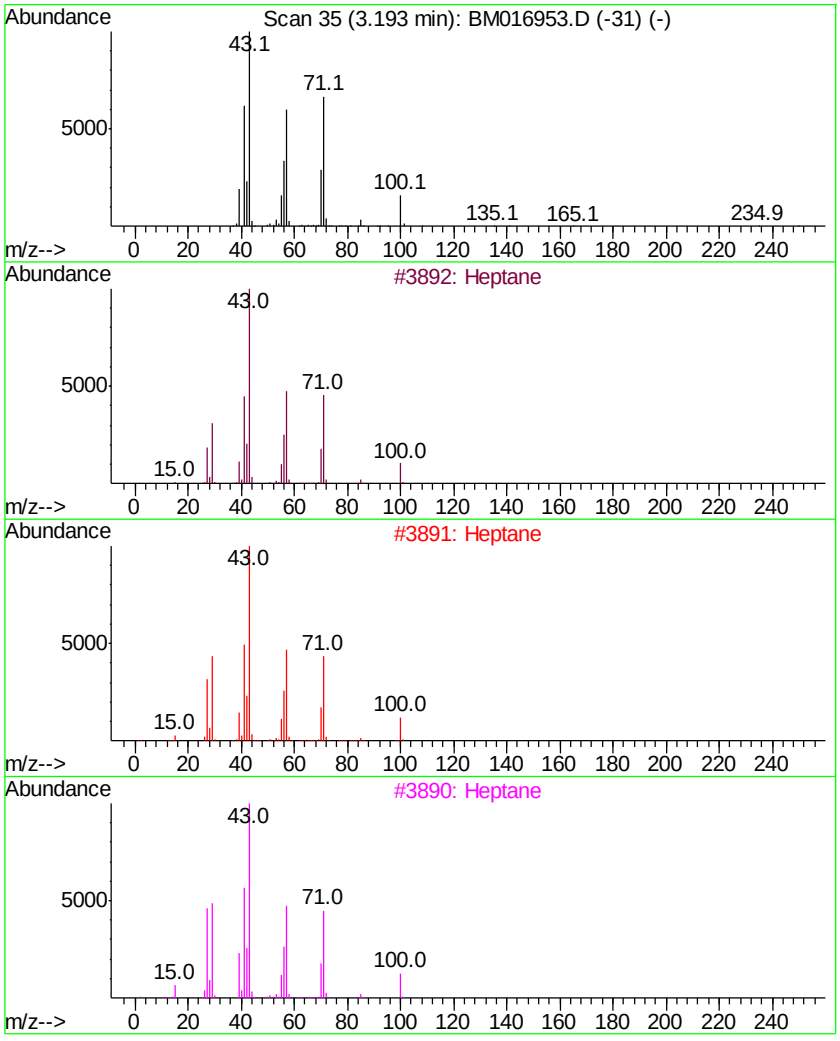
Quant Title : SVOA CALIBRATION

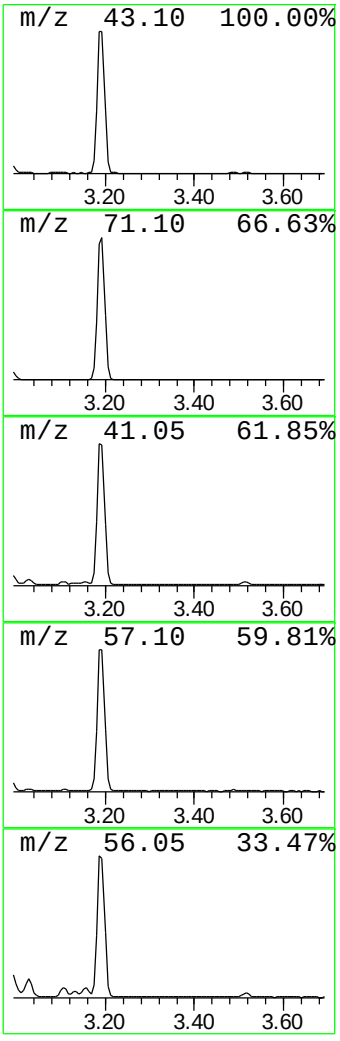
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.19	22.55 ng/ul	1872870	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	91
3	Heptane	100	C7H16	000142-82-5	91
4	Heptane	100	C7H16	000142-82-5	72
5	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
Data File : BM016953.D
Acq On : 02 Oct 2018 10:16
Operator : MJ/SJ
Sample : J5123-01
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

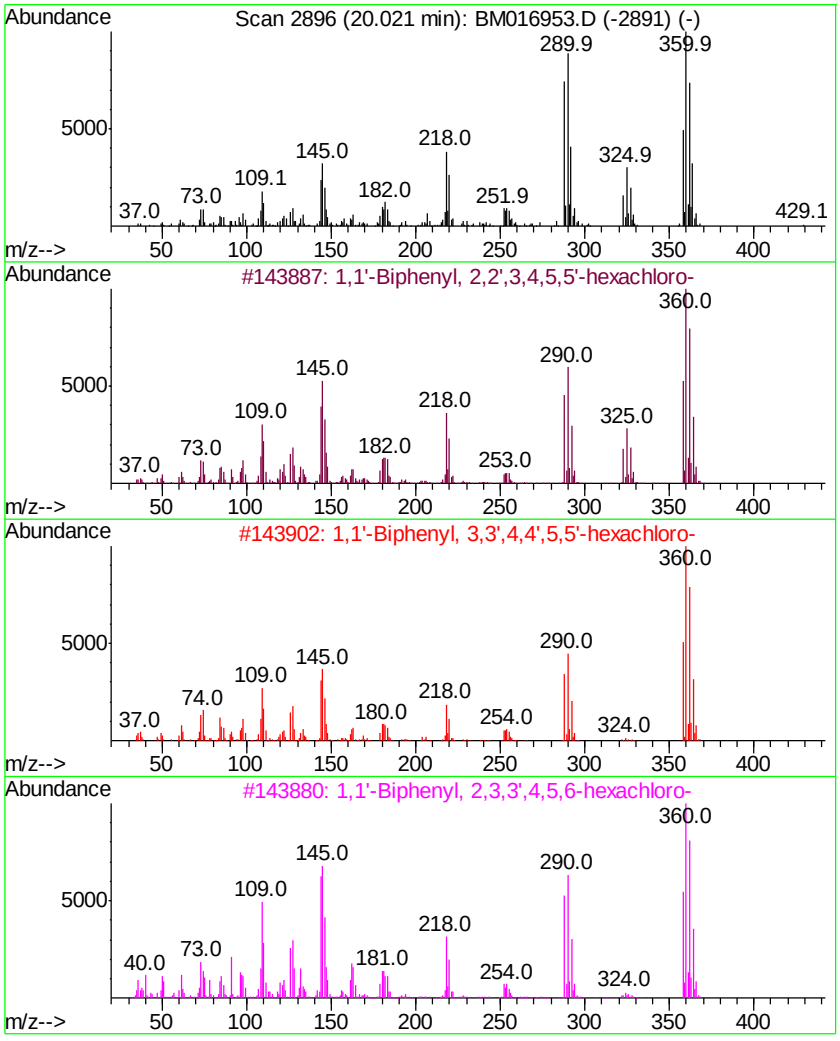
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

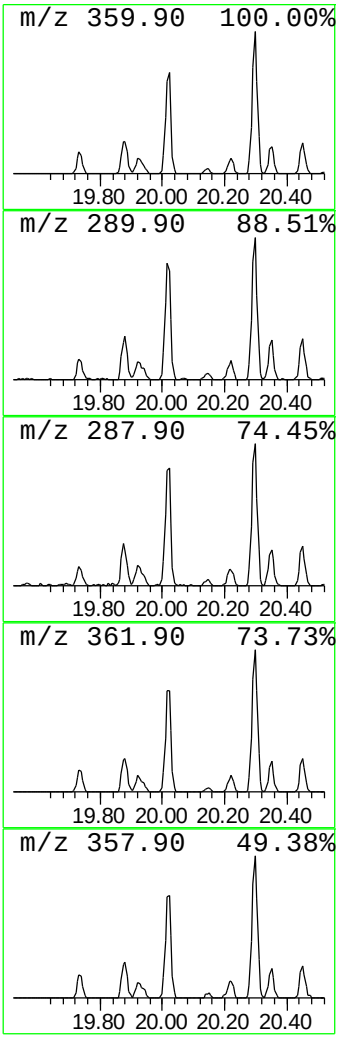
****

Peak Number 2 1,1'-Biphenyl, 2,2',3,4,5,5... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.02	3.74 ng/ul	549961	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,5,5'-hex...	358	C12H4Cl6	052712-04-6	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
4	1,1'-Biphenyl, 2,2',3,3',4,4'-he...	358	C12H4Cl6	038380-07-3	99
5	1,1'-Biphenyl, 2,2',4,4',5',6-He...	358	C12H4Cl6	060145-22-4	99





Library Search Compound Report

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Data File : BM016953.D
Acq On : 02 Oct 2018 10:16
Operator : MJ/SJ
Sample : J5123-01
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

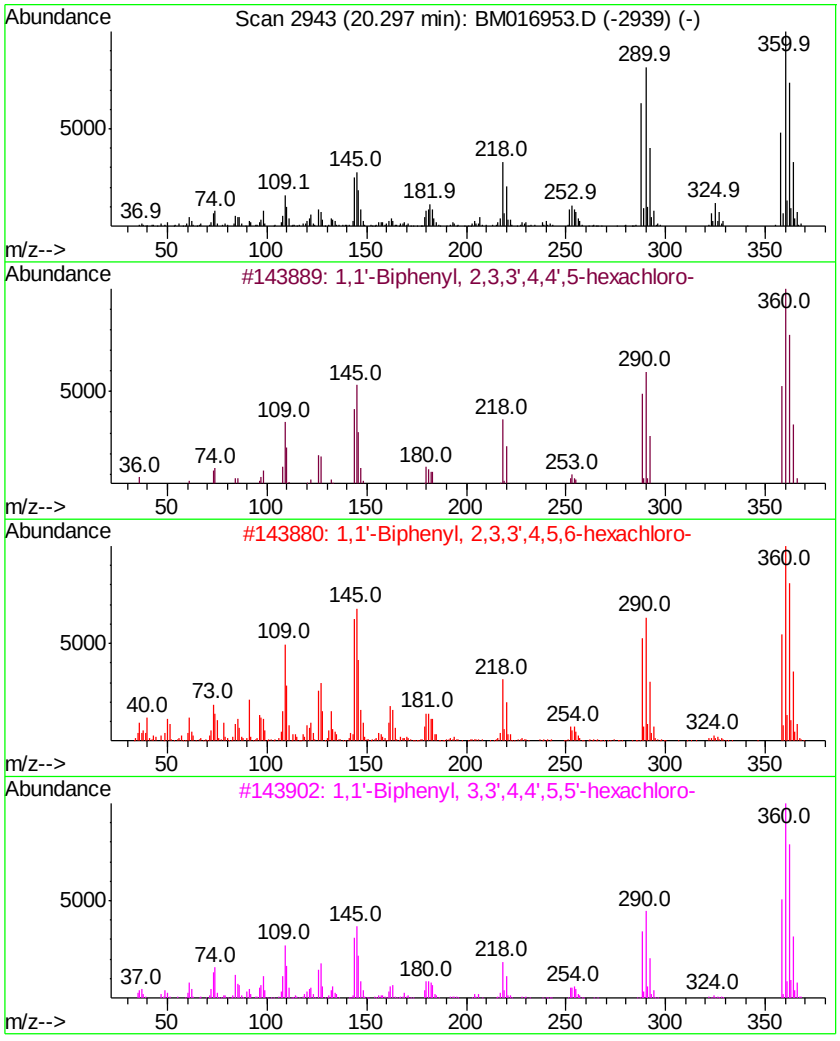
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

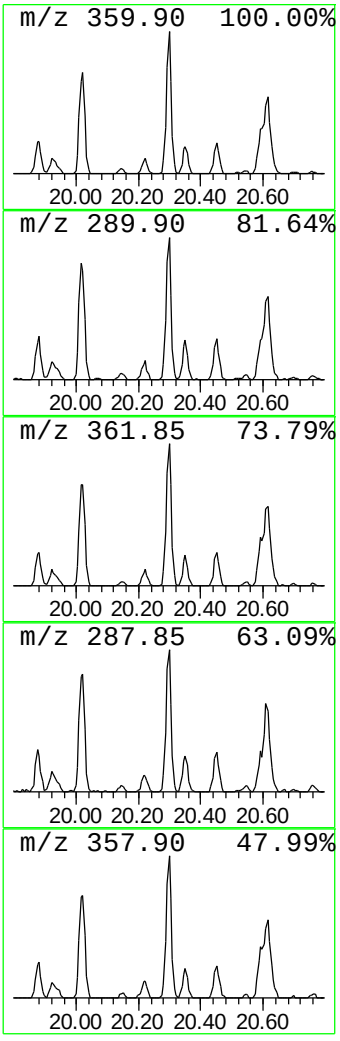
****

Peak Number 3 1,1'-Biphenyl, 2,3,3',4,4',... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	4.13 ng/ul	607491	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,4',5-hex...	358	C12H4Cl6	038380-08-4	99
2	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
3	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
4	1,1'-Biphenyl, 2,2',4,4',5,5'-he...	358	C12H4Cl6	035065-27-1	96
5	1,1'-Biphenyl, 2,2',3,4,5,6'-Hex...	358	C12H4Cl6	068194-15-0	95





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : C0B39

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

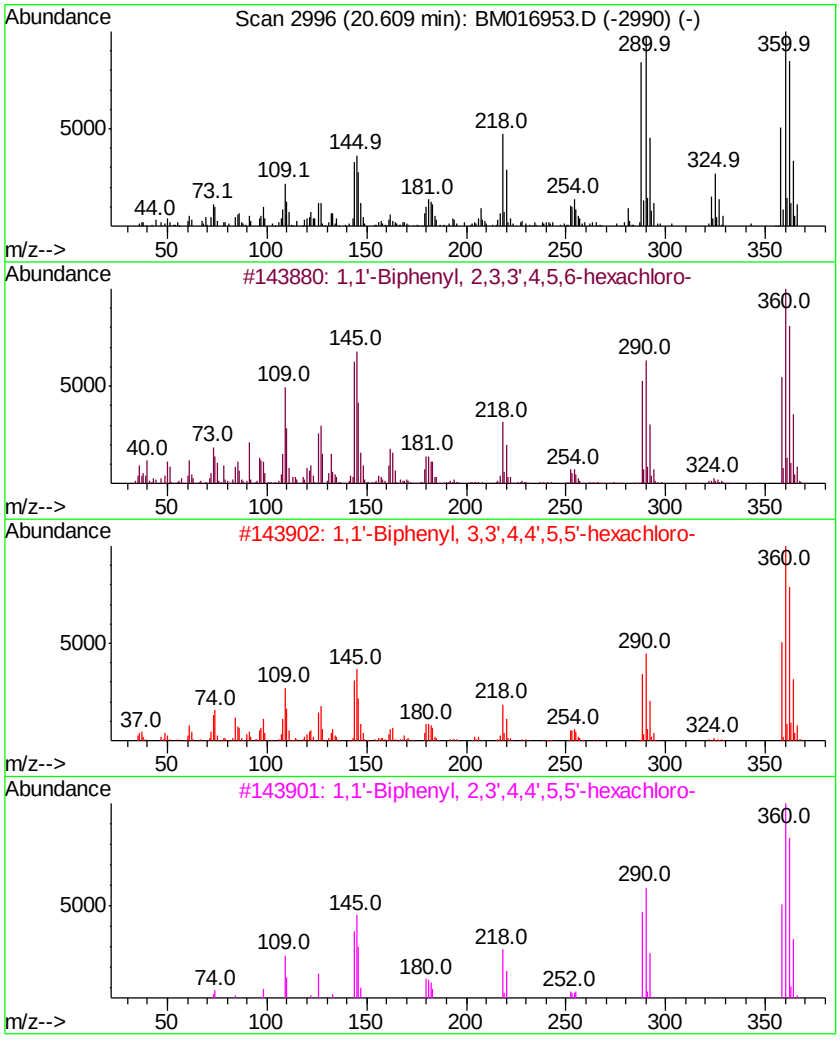
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

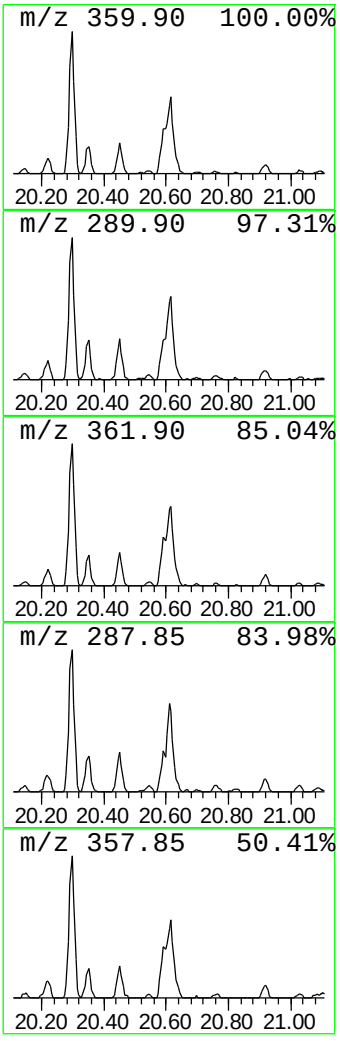
****

Peak Number 4 1,1'-Biphenyl, 2,3,3',4,5,6... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.61	3.89 ng/ul	571782	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3,3',4,5,6-hexa...	358	C12H4Cl6	041411-62-5	99
2	1,1'-Biphenyl, 3,3',4,4',5,5'-he...	358	C12H4Cl6	032774-16-6	99
3	1,1'-Biphenyl, 2,3',4,4',5,5'-he...	358	C12H4Cl6	052663-72-6	99
4	1,1'-Biphenyl, 2,2',4,4',6,6'-he...	358	C12H4Cl6	033979-03-2	99
5	1,1'-Biphenyl, 2,2',3,4,4',5'-he...	358	C12H4Cl6	035065-28-2	99





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Quant Title : SVOA CALIBRATION

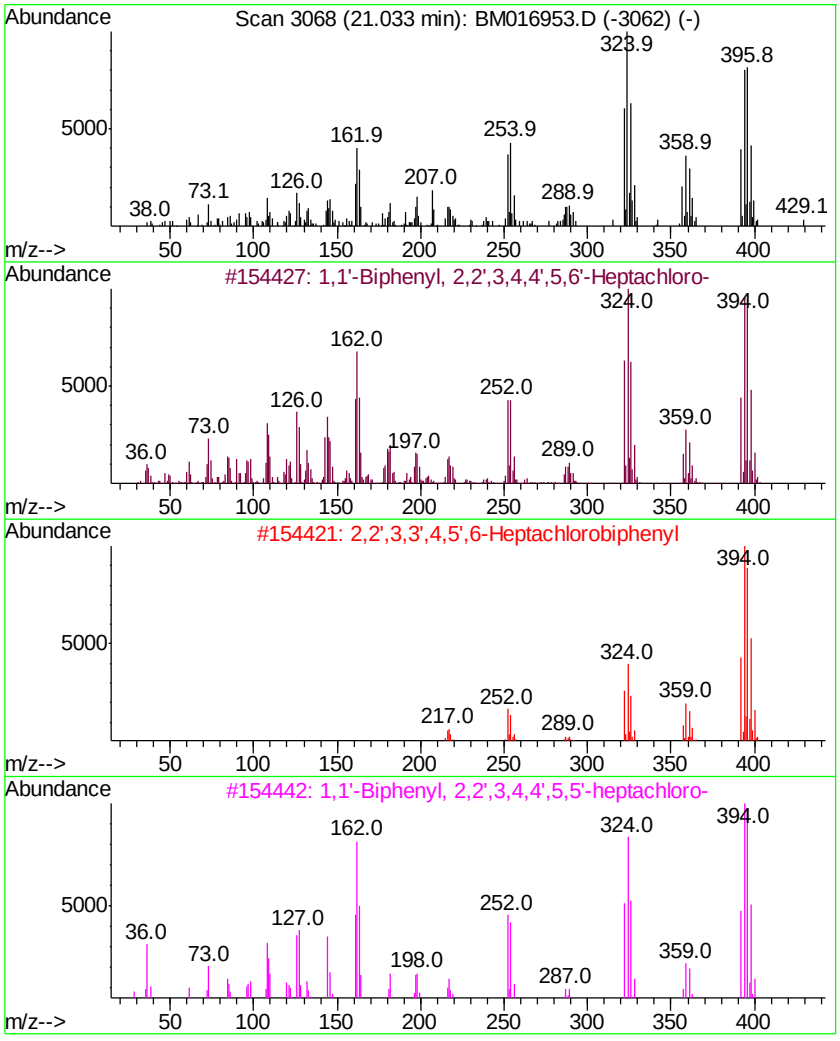
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

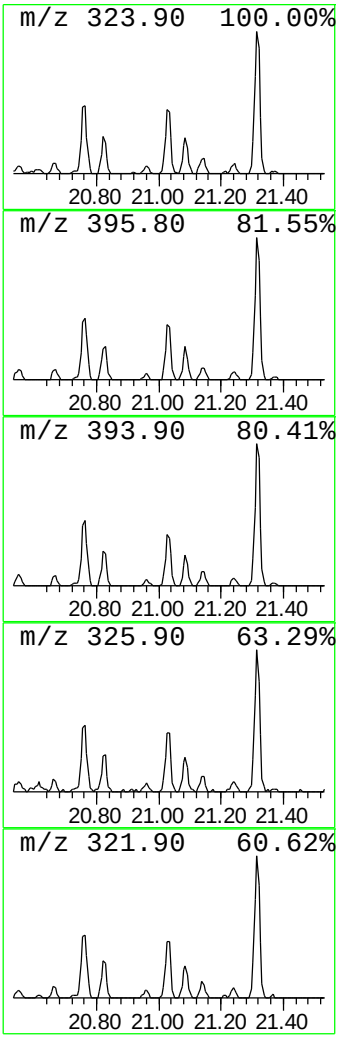
****

Peak Number 5 1,1'-Biphenyl, 2,2',3,4,4',... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.03	2.77 ng/ul	406719	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2',3,4,4',5,6'-...	392	C12H3Cl7	060145-23-5	99
2	2,2',3,3',4,5',6-Heptachlorobiph...	392	C12H3Cl7	040186-70-7	99
3	1,1'-Biphenyl, 2,2',3,4,4',5,5'-...	392	C12H3Cl7	035065-29-3	99
4	1,1'-Biphenyl, 2,3,3',4,4',5,5'-...	392	C12H3Cl7	039635-31-9	99
5	1,1'-Biphenyl, 2,2',3,3',5,5',6-...	392	C12H3Cl7	052663-67-9	99





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	3.19	22.6	ng/ul	1872870	1	7.71	1661010	20.0
1,1'-Biphenyl, 2,...	20.02	3.7	ng/ul	549961	5	21.29	2938900	20.0
1,1'-Biphenyl, 2,...	20.30	4.1	ng/ul	607491	5	21.29	2938900	20.0
1,1'-Biphenyl, 2,...	20.61	3.9	ng/ul	571782	5	21.29	2938900	20.0
1,1'-Biphenyl, 2,...	21.03	2.8	ng/ul	406719	5	21.29	2938900	20.0